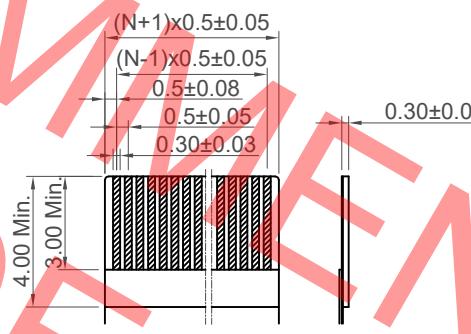


Recommended PCB Layout
as viewed from component side
█ Solder Area █ Component Outline



Recommended FFC/FPC Dimensions
Thickness 0.30 ± 0.03



No. of Contacts	Dimensions		
	A	B	C
41	27.0	20.00	21.10
42	27.5	20.50	21.60
43	28.0	21.00	22.10
44	28.5	21.50	22.60
* 45	29.0	22.00	23.10
46	29.5	22.50	23.60
47	30.0	23.00	24.10
48	30.5	23.50	24.60
49	31.0	24.00	25.10
* 50	31.5	24.50	25.60
51	32.0	25.00	26.10
52	32.5	25.50	26.60
53	33.0	26.00	27.10
* 54	33.5	26.50	27.60

* = Toolled Parts
Please contact GCT for non-toolled parts

Specification:

Material:

Housing Material: LCP, UL 94V-0, Natural
Actuator: LCP, UL 94V-0, Black
Contact: Phosphor Bronze, C5191-H
Fitting Nail: Brass, C2680-H

Plating:

Contact: See Ordering Grid
Underplating: 50 μ " min. Nickel
Fitting Nail: 80 μ " min. Matte Tin over 50 μ " min. Nickel

Electrical:

Voltage Rating (Max.): 50V AC/DC
Current Rating (Max.): 0.4A AC/DC
Dielectric Strength: 250V AC for 1 minute
Insulation Resistance: 50 M Ω Min.
Contact Resistance: 40 m Ω Max.

Mechanical & Environmental

Durability: 20 Cycles
Operating Temperature: -25°C to +85°C

Part Number		Product Description		
FFC2B22		FFC 0.5mm Pitch Side Entry, Bottom Contact, SMT, Height=2.5mm, Slide Type		
Drawing Date		31st March 2020		
By	CC	Tolerances (Except as Noted)		
Detail	Drawing Release	Length	Angle	Units: Metric (mm)
Revision	A3	X.X ± 0.15	± 1°	3rd Angle Projection
Date	06/08/21	X.XX ± 0.10		
This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE				
RoHS COMPLIANT 2011/65/EU Declar-SIDE		C		
Not to Scale		Drawn By	CC	Sheet No. 1/2

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